Signal Processing 34 (1993) 349–350
Elsevier

Cumulative contents of Volume 34

Volume 34, No. 1, October 1993

Papers

E.J. Kraus, H.J.A.M. Heijmans and E.R. Dougherty
Gray-scale granulometries compatible with spatial scalings 1
F. Lavagetto and S. Zappatore
Adaptive vector quantization for fixed bit-rate videocoding 19
P. Ligdas and I. Pitas
Parallel algorithms and architectures for 2-D butterfly-like transforms 33
C.S. Regazzoni, F. Arduini and G. Vernazza
A multilevel GMRF-based approach to image segmentation and restoration 43
S.A. Mohamed and M.M. Fahmy
Image compression using block pattern-vector quantization 69
R.S. Orr
Derivation of the finite discrete Gabor transform by periodization and sampling 85
D. Wulich and M. Bukris
Data over voice using time-warping technique 99
W.S. Youn and C.K. Un
Fast adaptive beamforming robust to array imperfections 109

Short communication

G.-S. Chen, J.-L. Wu, W.-J. Duh and L.-S. Lee
A novel scaling scheme for fast Hartley transform 123

Volume 34, No. 2, November 1993

Papers

Q. Wang, M. Gabbouj and Y. Neuvo
Root properties of morphological filters 131
J. Niewęgłowski, M. Gabbouj and Y. Neuvo
Weighted medians – Positive Boolean functions conversion algorithms 149
V. Lyandres and S. Briskin
On an approach to moving-average filtering 163
J. Choi, I. Song, S. Kim, S.Y. Kim and H.M. Kim
A statistical analysis of MUSIC null-spectrum via decomposition of estimation error 179
J. Choi, I. Song and H.M. Kim
On estimating the direction of arrival when the number of signal sources is unknown 193
M. Viberg
Sensitivity of parametric direction finding to colored noise fields and undermodeling 207
R.L. Lucke
Nyquist reconstruction as the limit of trigonometric interpolation 223
A. Bernardini and S. De Fina
A new predistortion technique using neural nets 231

Volume 34, No. 3, December 1993

Papers

K.-C. Tan, G.-L. Oh and M.H. Er
A study of the uniqueness of steering vectors in array processing 245
K.C. Chou, S.A. Golden and A.S. Willsky
Multiresolution stochastic models, data fusion, and wavelet transforms 257

Elsevier Science Publishers B.V.

S. Farkash and S. Raz
The legality problem of linear systems in Gabor time–frequency space 283
S. Choi, T.K. Sarkar and S.S. Lee
Design of two-dimensional Tseng window and its application to antenna array for the detection of AM signal in the presence of strong jammers in mobile communication 297
P.-Y. Yin and L.-H. Chen
Random-sampling thresholding: A new approach to multilevel thresholding 311
M.H. Er, S.L. Sim and S.N. Koh
Application of constrained optimization techniques to array pattern synthesis 323

Short communications

G. Vernazza
A new splitting strategy for adaptive transform coding 335
J.-H. Lee and S.-D. Kim
The effect of spatial filtering on accuracy of motion constraint equation 341

Author index 347

Cumulative contents 349